

REMARKS

INTRODUCTION

In accordance with the foregoing, claim 17 has been amended and claims 18 and 19 have been added. No new matter has been submitted

Claims 1-19 are pending and under consideration, with claims 1-7 having been allowed.

Claim 17 has been amended to include allowable subject matter, as indicated on page 3 of the Office Action, and new claims 18 and 19 similarly set forth such allowable subject matter. It is respectfully submitted that at least claim 17 is now in allowable condition. The specification in paragraphs [0029] and [0030] have also been corrected for typographical errors.

REJECTION UNDER 35 USC §112

Claims 8-16 stand rejected under 35 USC §112, second paragraph, as being indefinite. This rejection is respectfully traversed.

In particular, the Office Action indicates that one of the "the" IP address recitations lacks antecedent support.

However, a review of both claims 8 and 14 would appear to indicate that both claims first set out "an" IP address of the target node, "an" address of the second port, and "an" address of the first port, before any repetition of the same. The only apparent antecedent recitation would be with the recitation of "the" IP address of the target node. Here, though, this recitation of the IP address of the target node draws antecedent basis from the first recitation, which recited the same with "an". It is respectfully submitted that the antecedent formalities are correct.

Briefly, however, it is noted the claimed "setting the IP address of the target node as an IP address of the first port", of claim 8, for example, could be confused. However, as clearly explained in the specification, as originally intended, and similarly claimed in claim 1, this phrase means that the IP address of the first port is set to have the same IP address as the IP address of the target node. Claim 14 has a similar recitation.

Withdrawal of this rejection is respectfully requested.

REJECTION UNDER 35 USC §102

Claims 8-17 stand rejected under 35 USC §102(e) as being anticipated by Millet et al., U.S. Patent No. 6,434,627. This rejection is respectfully traversed.

By way of review and as only an example, independent claim 8 sets forth:

"[a] control method of a gateway comprising a first port connected to a network and a second port connected to a target node and being employed for a data stream between the network and applications of the target node, the control method comprising:

storing an IP address of the target node;

setting an IP address of the second port based on the IP address of the target node; and

setting the IP address of the target node as an IP address of the first port."

The Office Action has indicated that FIG. 7 and corresponding discussion in Millet et al., discloses all the features of claims 8, 14, and 17. Applicants respectfully disagree.

In particular, the Office Action has indicated that node 752 corresponds to the claimed target node, inside interface 712 corresponds to the second port, and, apparently, outside interface 714 corresponds to the first port.

However, as explained in col. 13, lines 11-33, of Millet, the network address translation system 711, which includes the inside interface 712 and the outside interface 714, has an internal IP address of 24.10.31.1 (inside interface 712 IP address) and an outside IP address of 15.21.21.35 (outside interface 714 IP address). These IP addresses are both different from the IP address of the node 752 and are not based on the same. Rather, the node 752 is given the IP address of 24.10.31.8 when it attempts to communicate with the network address translation system 711, i.e., rather than the IP address of the inside interface 712 being based on the IP address of node 752.

The illustrated table 715 may include information of the node 752, including its IP address, but does not represent the physical inside or outside IP addresses of the network address translation system 711.

Thus, though an IP address of the node 752 may be stored, e.g., in table 715, Millet et al. does not disclose or suggest that the IP address of the inside interface 712 of the network address translation system 711 is "based" on the IP address of the node 752.

Further, the IP address of the outside interface 714 of the network address translation system 711 is also not set to be the same as the IP address of the node 752, as claimed.

Accordingly, it is respectfully submitted that Millet et al. at least fails to disclose or suggest the claimed invention of independent claims 8, 14, and 17. Further, it is respectfully submitted that claims depending from claims 8 and 14 are also allowable for their own features, in addition to their dependence from independent claims 8 and 14.

Withdrawal of this rejection and allowance of all pending claims is respectfully requested.

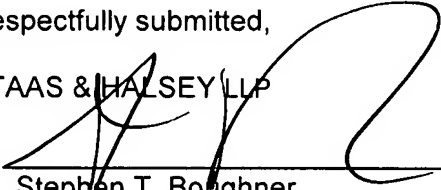
CONCLUSION

There being no further outstanding objections or rejections, it is submitted that the application is in condition for allowance. An early action to that effect is courteously solicited.

Finally, if there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

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Respectfully submitted,
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